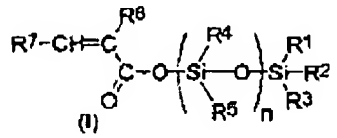
104991-154742

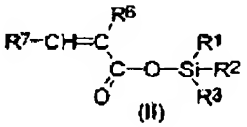
**Listing of claims:**

1. (Previously Presented) Process for the preparation of polyorganosilylated carboxylate monomers of general formula (I) comprising the steps of:



(I)

reacting a cyclosiloxane of formula $(R^4R^5SiO)_n$ with unsaturated organosilylated carboxylate of formula (II) or copolymers thereof under the presence of a suitable catalyst,



(II)

wherein $R^1$, $R^2$, $R^3$, $R^4$, $R^5$ each independently represent hydrogen, alkyl, alkenyl, alkynyl, alkyloxy, aryl, aralkyl or halogen radical optionally substituted by one or more substituents independently selected from the group comprising alkyl, aralkyl, aryl, hydroxy, halogen, amino or amino alkyl radicals,
$R^6$ represents hydrogen, alkyl radical, or $-CH_2-CO_2-SiR^1R^2R^3$,
$R^7$ represents hydrogen, alkyl radical or $-COOR^9$ wherein $R^9$ represents an alkyl group,
$R^8$ represents hydrogen, alkyl radical or $-CH_2-CO_2-(SiR^4R^5O)_n-SiR^1R^2R^3$, and
n represents a number of dihydrocarbylsiloxane units from 3 to 20.

2. (Previously Presented) Process according to claim 1, wherein $R^1$, $R^2$, $R^3$, $R^4$, $R^5$, $R^6$ and $R^9$ are each independently selected from the group comprising methyl, ethyl, propyl, isopropyl, isobutyl, n-butyl, sec-butyl, and t-butyl.

3. (Original) Process according to claim 2, wherein $R^1$, $R^2$, $R^3$, $R^4$, $R^5$, $R^6$ and $R^9$ are methyl.

4. (Previously Presented) Process according to claim 1, wherein n represents a number of dihydrocarbylsiloxane units from 3 to 12.

5. (Original) Process according to claim 4, wherein n is 3.

6. (Previously Presented) Process according to claim 1, wherein said unsaturated organosilylated carboxylate of formula (II) is selected from the group comprising trimethylsilyl (meth) acrylate, tri-t-butylsilyl (meth) acrylate, tribenzylsilyl (meth) acrylate, triethylsilyl (meth) acrylate, tri-isopropylsilyl (meth) acrylate, tri-isobutylsilyl (meth) acrylate, tri-n-amylsilyl (meth) acrylate, tri-n-butylsilyl (meth) acrylate, tri-n-dodecylsilyl (meth) acrylate, tri-n-hexylsilyl (meth) acrylate, tri-n-octylsilyl (meth) acrylate, tri-n-propylsilyl (meth) acrylate, triphenylsilyl (meth) acrylate, tri-p-methylphenylsilyl (meth) acrylate, dibutylcyclohexylsilyl (meth) acrylate, dibutylphenylsilyl (meth) acrylate; dicyclohexylphenylsilyl (meth) acrylate, diisopropyl-n-butylsilyl (meth) acrylate, diisopropylstearylsilyl (meth) acrylate, dimethylbutylsilyl (meth) acrylate, dimethylcyclohexylsilyl (meth) acrylate, dimethylhexylsilyl (meth) acrylate, dimethyloctylsilyl (meth) acrylate, dimethylphenylsilyl (meth) acrylate, ethyldibutylsilyl (meth) acrylate, ethyldimethylsilyl (meth) acrylate, lauryldiphenylsilyl (meth) acrylate, methyldibutylsilyl (meth) acrylate, n-octyldi-n-butylsilyl (meth) acrylate, t-butyl dimethylsilyl (meth) acrylate, t-butyldiphenylsilyl (meth) acrylate, bis (trimethylsilyl) itaconate, t-butyldiphenylsilyl methyl fumarate, t-butyldiphenylsilyl methyl maleate, t-butyldiphenylsilyl n-butyl fumarate, t-butyldiphenylsilyl n-butyl maleate, triisopropylsilyl amyl fumarate, triisopropylsilyl amyl maleate, triisopropylsilyl methyl fumarate, triisopropylsilyl methyl maleate, tri-n-butylsilyl n-butyl fumarate, tri-n-butylsilyl n-butyl maleate, and polymers or copolymers thereof and the like.

7. (Original) Process according to claim 6, wherein said unsaturated organosilylated carboxylate of formula (II) is selected from the group comprising trimethylsilyl (meth) acrylate, tri-t-butylsilyl (meth) acrylate, tribenzylsilyl (meth) acrylate, triethylsilyl (meth) acrylate, tri-isopropylsilyl (meth) acrylate, tri-isobutylsilyl (meth) acrylate, tri-n-amylsilyl (meth) acrylate, tri-n-butylsilyl (meth) acrylate, tri-n-dodecylsilyl (meth) acrylate, tri-n-hexylsilyl (meth) acrylate, tri-n-octylsilyl (meth) acrylate, tri-n-propylsilyl (meth) acrylate and triphenylsilyl (meth) acrylate and polymers or copolymers thereof.

104991-154742

8. (Original) Process according to claim 7, wherein said unsaturated organosilylated carboxylate of formula (II) is trimethylsilyl methacrylate or a copolymer or a polymer thereof.

9. (Currently Amended) Process according to claim 1, wherein said cyclosiloxane of formula $(R^4R^5SiO)_n$ is selected from the group comprising 1, 1, 3, 3, 5, 5-hexamethyl-cyclotrisiloxane, 1, 1, 3, 3, 5, 5-hexaethyl-cyclotrisiloxane, 1, 1, 3, 3, 5, 5-hexaphenyl-cyclotrisiloxane, 1, 1, 3, 3, 5, 5-hexavinyl-cyclotrisiloxane, 1, 3, 5-trimethyl-l, 3, 5-trivinyl-cyclotrisiloxane, 1, 3, 5-trimethyl-1, 3, 5-triphenyl-cyclotrisiloxane, 1, 3, 5-trimethyl-1, 3, 5-tripropyl-cyclotrisiloxane, 1, 3, 5-triethyl-1, 3, 5-trimethyl-cyclotrisiloxane, 1, 3, 5-trimethyl-1, 3, 5-triphenethyl-cyclosiloxane, 1, 3, 5-trivinyltrihydro-cyclotrisiloxane, 1, 3, 5-trimethyltrihydro-cyclotrisiloxane, pentamethyl-cyclotrisiloxanes, 1, 1, 3, 3, 5, 5, 7, 7-octamethyl-cyclotetrasiloxane, 1, 1, 3, 3, 5, 5, 7, 7-octaphenyl-cyclotetrasiloxane, 1, 1, 3, 3, 5, 5, 7, 7-octavinyl-cyclotetrasiloxane, 1, 1, 3, 3, 5, 5, 7, 7-octahydro-cyclotetrasiloxane, 1, 3, 5, 7-tetramethyl-1, 3, 5, 7-tetrahydro-cyclotetrasiloxane, 1, 3, 5, 7-tetramethyl-1, 3, 5, 7-tetra (1-octyl) -cyclotetrasiloxane, 1, 3, 5, 7-tetravinyl-1, 3, 5, 7-tetramethyl-cyclotetrasiloxane, 1, 3, 5, 7-tetravinyl-1, 3, 5, 7-tetraethyl cyclotetrasiloxane, 1, 3, 5, 7-tetraallyl-1, 3, 5, 7-tetraphenyl-cyclotetrasiloxane, ~~1, 3, 5, 7-tetraallyl-1, 3, 5, 7-tetraphenyl-cyclotetrasiloxane,~~ 1, 3, 5, 7-tetra(1-hexadecyl)-1, 3, 5, 7-tetramethyl-cyclotetrasiloxane, 1, 3, 5, 7-tetraoctyltetrahydro-cyclotetrasiloxane, 1, 3, 5, 7-tetravinyltetrahydro-cyclotetrasiloxane, 1, 3, 5, 7-tetraethyltetrahydro-cyclotetrasiloxane, 1, 3, 5, 7-tetrapropenyltetrahydro-cyclotetrasiloxane, 1, 3, 5, 7-tetrapentenyltetrapentyl-cyclotetrasiloxane; 1, 3, 5, 7-tetraphenyltetrahydro-cyclotetrasiloxane, pentamethyl-cyclotetrasiloxanes, hexamethyl-cyclotetrasiloxanes, 1, 1, 3, 3, 5, 5, 7, 7, 9, 9-decamethyl-cyclopentasiloxane, 1, 1, 3, 3, 5, 5, 7, 7, 9, 9-decahydro-cyclopentasiloxane, 1, 3, 5, 7, 9-pentavinyl-1, 3, 5, 7, 9-pentamethyl-cyclopentasiloxane, 1, 3, 5, 7, 9-pentadecenyl-1, 3, 5, 7, 9-pentapropyl-cyclopentasiloxane, 1, 3, 5, 7, 9-pentamethylpentahydro-cyclopentasiloxane, 1, 3, 5, 7, 9-pentavinylpentahydro-cyclopentasiloxane, tetramethyl-cyclopentasiloxanes, hexamethyl-cyclopentasiloxanes, heptamethyl-cyclopentasiloxanes, 1, 1, 3, 3, 5, 5, 7, 7, 9, 9, 11, 11-dodecamethyl-cyclohexasiloxane, 1, 1, 3, 3, 5, 5, 7, 7, 9, 9, 11, 11-dodecahydro-

cyclohexasiloxane, 1, 3, 5, 7, 9, 11-hexavinylhexamethyl-cyclohexasiloxane, 1, 3, 5, 7, 9, 11-hexamethylhexahydro-cyclohexasiloxane, tetramethyl-cyclohexasiloxanes, pentamethyl-cyclohexasiloxanes, l, 3, 5, 7, 9, 11, 13, 15, 17, 19-decavinyldecahydro-cyclodecasiloxane, 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29-pentadecavinylpentadecahydro-cyclopentadecasiloxane and the like.

10. (Previously Presented) Process according to claim 9, wherein said cyclosiloxane of formula $(R^4R^5SiO)_n$ is selected from the group comprising 1, 1, 3, 3, 5, 5-hexamethyl-cyclotrisiloxane, 1, 1, 3, 3, 5, 5, 7, 7-octamethyl-cyclotetrasiloxane, 1, 1, 3, 3, 5, 5, 7, 7, 9, 9-decamethyl-cyclopentasiloxane, 1, 1, 3, 3, 5, 5, 7, 7, 9, 9, 11, 11-dodecamethyl-cyclohexasiloxane.

11. (Previously Presented) Process according to claim 10, wherein said cyclosiloxane of formula $(R^4R^5SiO)_n$ is 1, 1, 3, 3, 5, 5-hexamethyl-cyclotrisiloxane.

12. (Previously Presented) Process according to claim 1, wherein said suitable catalyst for the reaction is an acidic catalyst.

13. (Previously Presented) Process according to claim 12, wherein said catalyst is selected from the group comprising hydrochloric acid, acetic acid, nitric acid, sulfuric acid, trifluoromethanesulfonic acid, trifluoracetic acid, acetic acid, a strongly acidic ion exchange resin of the sulfonic type, $ZnCl_2$, $BeCl_2$, $TiCl_4$, $SnCl_4$, $FeCl_3$, $FeCl_2$, $SbCl_5$, $AlCl_3$ and other metal halides.

14. (Original) Process according to claim 13, wherein said catalyst is $ZnCl_2$.

15. (Original) Process according to claim 13, wherein said catalyst is trifluoromethanesulfonic acid.

16. (Previously Presented) Process according to claim 13, wherein said catalyst is a strongly acidic ion exchange resin of the sulfonic type.

17. (Previously Presented) Process according to claim 12, further comprising the step of neutralising the acidic catalyst with a base.

18. (Original) Process according to claim 17, wherein said base is selected from the group comprising triethylamine, diethylamine, tributylamine, hexamethyldisilazane N-methylmorpholine, diisopropylethylamine, dicyclohexylamine, N-methylpiperidine, pyridine, 4-pyrrolidinopyridine, picoline, 4-(N,N-dimethylamino) pyridine, 2, 6-di (t-butyl)-4-methylpyridine, quinoline, N,N-dimethylaniline and N,N-diethylaniline and the like.

19. (Original) Process according to claim 18, wherein said base is triethylamine.

20. (Previously Presented) Process according to claim 1, wherein the step of reacting the cyclosiloxane of formula $(R^4R^5SiO)_n$ with the unsaturated organosilylated carboxylate of formula (II) or a copolymer, or a polymer thereof is optionally performed in the presence of a suitable solvent.

21. (Original) Process according to claim 20, wherein said solvent is a nonpolar inert solvent selected from the group comprising benzene, toluene, xylene, mesitylene, ethylbenzene, pentane, hexane, cyclohexane, heptane, octane, decane, decahydronaphthalene, diethyl ether, diisopropyl ether, diisopropyl ether, diisobutyl ether, or mixtures thereof.

22. (Previously Presented) Process according to claim 1, wherein said reaction is performed at a temperature selected in the range of 20 to 150 °C.

23. (Previously Presented) Process according to claim 1, wherein said reaction is performed at room temperature.

24-31. (Cancelled)

104991-154742

32. (Previously Presented) Process according to claim 1, wherein n represents a number of dihydrocarbylsiloxane units from 3 to 8.

33. (Previously Presented) Process according to claim 1, wherein n represents a number of dihydrocarbylsiloxane units from 3 to 6.

34. (Previously Presented) Process according to claim 1, wherein said reaction is performed at a temperature selected in the range of 50 to 120 °C.

35. (Previously Presented) Process according to claim 1, wherein said reaction is performed at a temperature selected in the range of 90 to 110 °C.

36-39. (Cancelled)